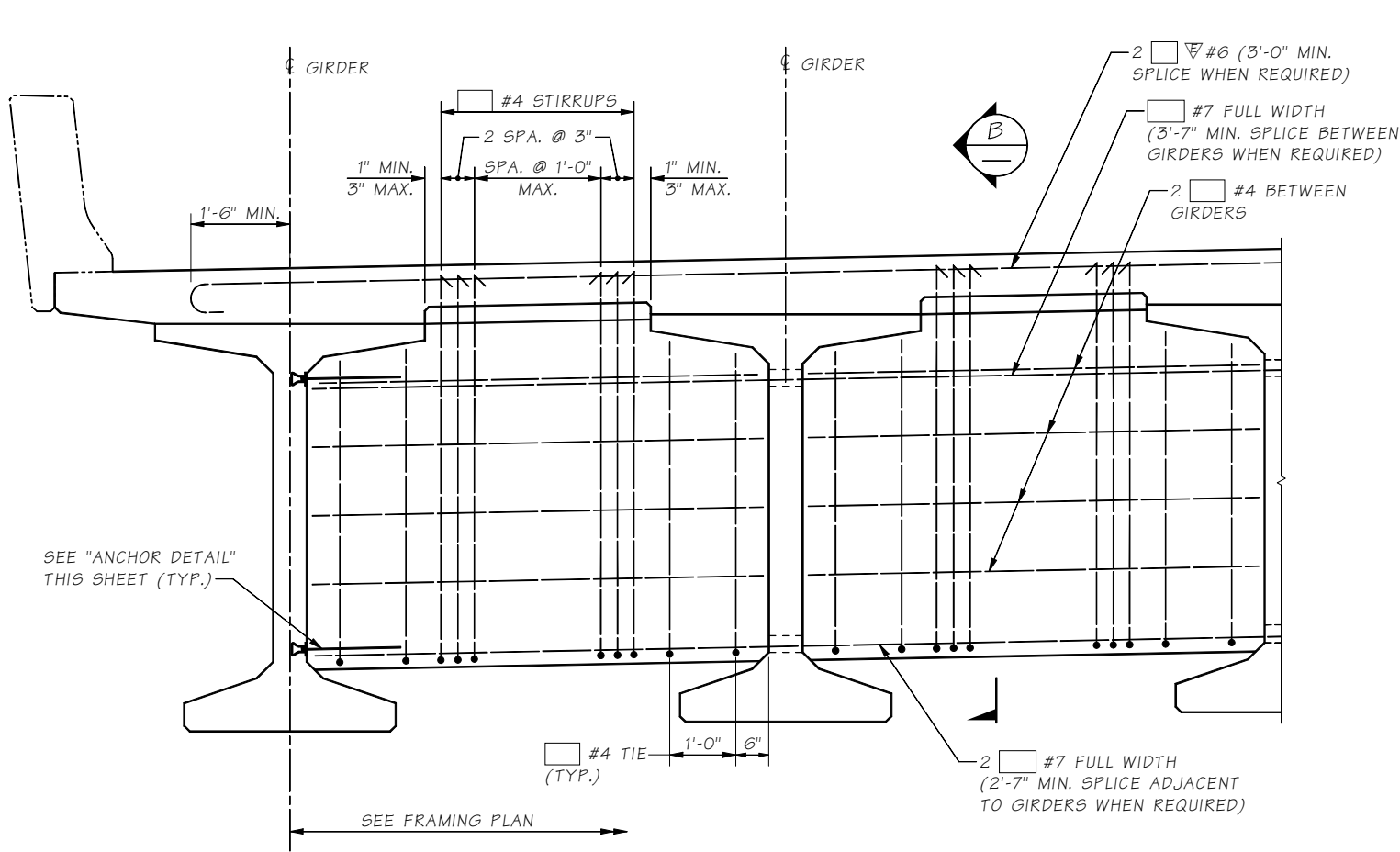


Last revised on : 01/27/2010

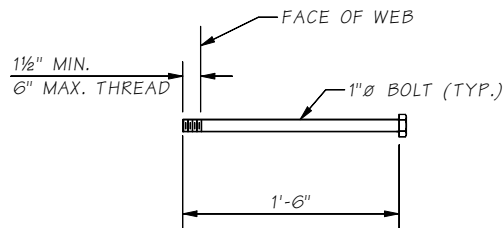
SR JOB NO. SHEET

5.6-A7-8



### ELEVATION INTERMEDIATE DIAPHRAGM

DIMENSIONS ARE ALONG DIAPHRAGM



### ANCHOR DETAIL

ASTM A-307

#### NOTE TO DESIGNER:

Full depth intermediate diaphragms are required for:

- 1-5 bridges
- Other bridges crossing over roads of ADT>50,000

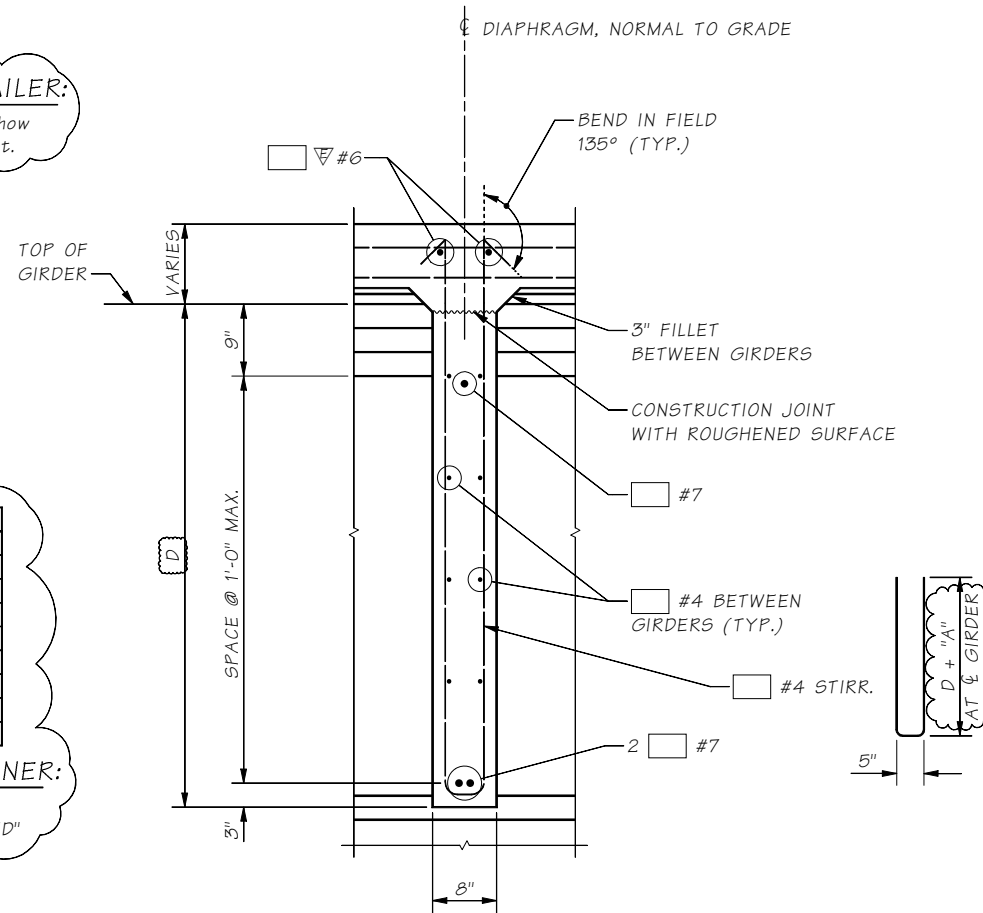
#### NOTE TO DETAILER:

Revise Details to show correct girder height.

GIRDER	D
WF36G	2'-0 7/8"
WF42G	2'-6 7/8"
WF50G	3'-2 7/8"
WF58G	3'-10 7/8"
WF66G	4'-6 7/8"
WF74G	5'-2 7/8"
WF83G	5'-11 1/2"
WF95G	6'-11 1/8"
WF100G	7'-4 7/8"

#### NOTE TO DESIGNER:

Insert appropriate dimension value for "D"



### SECTION B

SEE "GIRDER  
DETAILS" SHEET  
FOR DIMENSION "A".

#### NOTES:

- GIRDERS SHALL BE HELD RIGIDLY IN PLACE WHEN DIAPHRAGMS ARE PLACED.
- IT MAY BE NECESSARY TO THREAD #7 REINFORCING BARS THROUGH HOLES IN GIRDERS PRIOR TO PLACING EXTERIOR GIRDERS.
- CUT/RELEASE GIRDER TEMPORARY STRANDS BEFORE CASTING DIAPHRAGM. SEE TEMPORARY STRAND CUTTING SEQUENCE.
- LONGITUDINAL DIMENSIONS ARE NORMAL TO SKEW.
- FOR CONCRETE PLACEMENT PROCEDURE SEE "SUPERSTRUCTURE CONSTRUCTION SEQUENCE" SHEET.

Bridge Design Engr.	M:\STANDARDS\Girders\WFI\INTER_DIAPHRAGM_DET_FULL.MAN	REGION NO.	STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
Supervisor		10	WASH.			
Designed By		JOB NUMBER				
Checked By						
Detailed By						
Bridge Projects Engr.						
Prelim. Plan By						
Architect/Specialist	DATE	REVISION	BY	APPD		

Wed Oct 27 08:58:17 2010

BRIDGE  
AND  
STRUCTURES  
OFFICE



Washington State  
Department of Transportation

STANDARD  
PRESTRESSED CONCRETE GIRDERS

INTERMEDIATE  
DIAPHRAGM DETAILS

BRIDGE  
SHEET  
NO.  
SHEET  
OF  
SHEETS